

WHAT IS CLAIMED IS:

1        1.        A method of automatically reestablishing a call placed by a  
2        mobile unit operating within a radio frequency ("RF") communications  
3        network to a called party after said call has been dropped, the method  
4        comprising:  
5               detecting that said call has been dropped;  
6               determining whether said call is to be automatically reestablished by  
7        said RF communications network; and  
8               responsive to a determination that said call is to be automatically  
9        reestablished by said RF communications network, a mobile switching  
10       center ("MSC") of said RF communications network reestablishing said call  
11       between said mobile unit and said called party.

1        2.        The method of claim 1 wherein said determining comprises  
2        determining whether said call was placed to an emergency number.

1        3.        The method of claim 1 wherein said determining comprises  
2        determining whether said called party is an emergency operator.

1        4.        The method of claim 1 wherein said reestablishing comprises  
2        said MSC dialing back said mobile unit.

1        5.        A mobile switching center ("MSC") for automatically  
2        reestablishing a call placed by a mobile unit operating within a radio  
3        frequency ("RF") communications network to a called party connected to a  
4        public switched telephone network ("PSTN") after said call has been  
5        dropped, the MSC comprising software instructions executable by said MSC  
6        for:

7. detecting that said call has been dropped;  
8. determining whether said call is to be automatically reestablished by  
9. said RF communications network; and  
10. responsive to a determination that said call is to be automatically  
11. reestablished by said RF communications network, reestablishing a  
12. connection with said mobile unit, thereby to reestablish said call between  
13. said mobile unit and said called party.

1. 6. The MSC of claim 5 wherein said software instructions for  
2. determining comprise software instructions for determining whether said  
3. call was placed to an emergency number.

1. 7. The MSC of claim 5 wherein said software instructions for  
2. determining comprise software instructions for determining whether said  
3. called party is an emergency operator.

1. 8. The MSC of claim 5 wherein said software instructions for  
2. reestablishing comprise software instructions for causing said MSC to dial  
3. back said mobile unit.

1. 9. Apparatus for automatically reestablishing a call placed by a  
2. mobile unit operating within a radio frequency ("RF") communications  
3. network to a called party after said call has been dropped, the apparatus  
4. comprising:

5. means for detecting that said call has been dropped;  
6. means for determining whether said call is to be automatically  
7. reestablished by said RF communications network; and

**PATENT**

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8. means responsive to a determination that said call is to be  
9 automatically reestablished by said RF communications network for  
10 reestablishing said call between said mobile unit and said called party.

1 10. The apparatus of claim 9 wherein said means for determining  
2 comprises means for determining whether said call was placed to an  
3 emergency number.

1 11. The apparatus of claim 9 wherein said means for determining  
2 comprises means for determining whether said called party is an emergency  
3 operator.

1 12. The apparatus of claim 9 wherein said means for reestablishing  
2 comprises means for dialing back said mobile unit.

1 13. The apparatus of claim 9 wherein said called party is connected  
2 to said RF communications network via a public switched telephone  
3 network ("PSTN").

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